

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## In Re Application of:

Dominic P. Behan, Karin Bruinsma, Derek T.  
Chalmers, Ruoping Chen, Huong T. Dang, Martin  
Gore, Chen W. Liaw, I-Lin Lin, Kevin Lowitz,  
and Carol White

Group Art Unit: Not Assigned

Examiner: Not Assigned

For: Non-Endogenous, Constitutively Activated  
Human G Protein-Coupled Receptors

## DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a

☒ Utility Patent ☐ Design Patent

is sought on the invention, whose title appears above, the specification of which:

- ☐ is attached hereto.
- ☒ was filed on October 12, 1999 as Serial No. 09/416,760.
- ☐ said application having been amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to the patentability of this application in accordance with 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a-d) of any **foreign application(s)** for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of any application on which priority is claimed:

| Priority Claimed<br>(If X'd) | Country | Serial Number | Date Filed |
|------------------------------|---------|---------------|------------|
| <input type="checkbox"/>     | _____   | _____         | _____      |
| <input type="checkbox"/>     | _____   | _____         | _____      |
| <input type="checkbox"/>     | _____   | _____         | _____      |
| <input type="checkbox"/>     | _____   | _____         | _____      |

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

| Serial Number     | Date Filed      | Patented/Pending/Abandoned |
|-------------------|-----------------|----------------------------|
| <u>09/170,496</u> | <u>10/13/98</u> | <u>Pending</u>             |

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

| Serial Number | Date Filed |
|---------------|------------|
| 60/110,060    | 11/27/98   |
| 60/120,416    | 02/16/99   |
| 60/121,852    | 02/26/99   |
| 60/109,213    | 11/20/98   |
| 60/123,944    | 03/12/99   |
| 60/123,945    | 03/12/99   |
| 60/123,948    | 03/12/99   |
| 60/123,951    | 03/12/99   |
| 60/123,946    | 03/12/99   |

|  |          |
|--|----------|
| 60/123,949   | 03/12/99 |
| 60/152,524   | 09/03/99 |
| 60/151,114   | 08/27/99 |
| 60/108,029   | 11/12/98 |
| 60/136,436   | 05/28/99 |
| 60/136,439   | 05/28/99 |
| 60/136,567   | 05/28/99 |
| 60/137,127   | 05/28/99 |
| 60/137,131   | 05/28/99 |
| 60/141,448   | 06/30/99 |
| 60/136,437   | 05/28/99 |
| 60/156,633   | 09/29/99 |
| 60/156,555   | 09/29/99 |
| 60/156,634   | 09/29/99 |
| Unknown (Arena Pharmacueticals<br>Docket #CHN10-1) | 09/29/99 |
| Unknown (Arena Pharmaceuticals<br>Docket #RUP6-1)  | 10/01/99 |
| Unknown (Arena Pharmaceuticals<br>Docket #RUP7-1)  | 10/01/99 |
| Unknown (Arena Pharmaceuticals<br>Docket #CHN6-1)  | 10/01/99 |
| Unknown (Arena Pharmaceuticals<br>Docket #RUP5-1)  | 10/01/99 |
| Unknown (Arena Pharmaceuticals<br>Docket #CHN9-1)  | 10/01/99 |

I hereby appoint the following persons of the firm of **WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP**, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania 19103 as attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Suzanne E. Miller, Esq. Reg. No. 32,279

Michael P. Straher, Esq. Reg. No. 38,325

And


Richard P. Burgoon Reg. No. 34,787


of **ARENA PHARMACEUTICALS, INC.**, 6166 Nancy Ridge Drive, San Diego, California 92008.


Address all telephone calls and correspondence to:

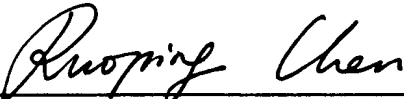
Michael P. Straher  
**WOODCOCK WASHBURN KURTZ  
MACKIEWICZ & NORRIS LLP**  
One Liberty Place - 46th Floor  
Philadelphia PA 19103  
Telephone No.: (215) 568-3100  
Facsimile No.: (215) 568-3439


I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.


|   |   |
|---|---|
| <b>Name:</b><br>Dominic P. Behan  | <br><b>Signature</b><br><br><b>Date of Signature:</b> <u>12/13/99</u><br><br><b>Citizenship:</b> <u>United Kingdom</u> |
| <b>Mailing Address:</b><br>11472 Roxboro Court<br>San Diego, California 92131 |   |
| <b>City/State of Actual Residence:</b><br>San Diego, California 92126         |   |

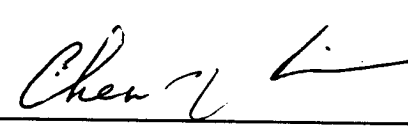
|   |   |
|---|---|
| <b>Name:</b><br><del>Karin Bruinsma</del> Karin Lehmann-Bruinsma            | <br><b>Signature</b><br><br><b>Date of Signature:</b> <u>12/13/99</u><br><br><b>Citizenship:</b> <u>Germany</u> |
| <b>Mailing Address:</b><br>12565 Pathos Lane<br>San Diego, California 92129 |   |
| <b>City/State of Actual Residence:</b><br>San Diego, California 92129       |   |

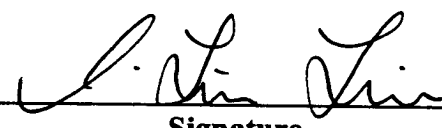
|   |   |
|---|---|
| <b>Name:</b><br>Derek T. Chalmers   | <br>Signature |
| <b>Mailing Address:</b><br><del>347 Longdon Lane</del> 1778 ROSENSTEIN DR.<br>Solana Beach, California 92150 92007<br>CARDIFF | <b>Date of Signature:</b> 12/13/99  |
| <b>City/State of Actual Residence:</b><br>Solana Beach, California 92150  | <b>Citizenship:</b> United Kingdom  |

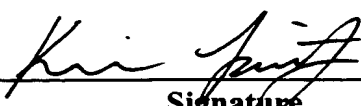
|  |   |
|--|---|
| <b>Name:</b><br>Ruoping Chen   | <br>Signature |
| <b>Mailing Address:</b><br>5296 Timber Branch Way<br>San Diego, California 92130 | <b>Date of Signature:</b> 12/13/99  |
| <b>City/State of Actual Residence:</b><br>San Diego, California 92130            | <b>Citizenship:</b> China   |

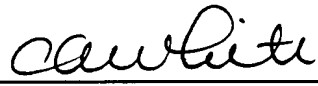
|   |   |
|---|---|
| <b>Name:</b><br>Huong T. Dang   | <br>Signature |
| <b>Mailing Address:</b><br>5352 Oak Park Drive<br>San Deigo, California 92105 | <b>Date of Signature:</b> 12/13/1999  |
| <b>City/State of Actual Residence:</b><br>San Diego, California 92105         | <b>Citizenship:</b> U.S.  |

|  |   |
|--|---|
| <b>Name:</b><br>Martin Gore  | <br>_____<br><b>Signature</b><br><br><b>Date of Signature:</b> <u>12/13/99</u><br><br><b>Citizenship:</b> <u>United Kingdom</u> |
| <b>Mailing Address:</b><br>6868 Estrella Avenue<br>San Diego, California 92120 |   |
| <b>City/State of Actual Residence:</b><br>San Diego, California 92120          |   |

|  |   |
|--|---|
| <b>Name:</b><br>Chen W.Liaw  | <br>_____<br><b>Signature</b><br><br><b>Date of Signature:</b> <u>12/13/99</u><br><br><b>Citizenship:</b> <u>U.S.</u> |
| <b>Mailing Address:</b><br>7668 Salix Place<br>San Diego, California 92129 |   |
| <b>City/State of Actual Residence:</b><br>San Diego, California 92129      |   |

|   |   |
|---|---|
| <b>Name:</b><br>I-Lin Lin   | <br>_____<br><b>Signature</b><br><br><b>Date of Signature:</b> <u>12/13/99</u><br><br><b>Citizenship:</b> <u>Taiwan</u> |
| <b>Mailing Address:</b><br>8291-7 Gold Coast Drive<br>San Diego, California 92126 |   |
| <b>City/State of Actual Residence:</b><br>San Diego, California 92126             |   |

|  |   |
|--|---|
| <b>Name:</b><br>Kevin Lowitz   | <br>_____<br><b>Signature</b><br><br><b>Date of Signature:</b> <u>12-13-99</u><br><br><b>Citizenship:</b> <u>U.S.</u> |
| <b>Mailing Address:</b><br>8031 Caminito de Pizza, Apt. C<br>San Diego, California 92108 |   |
| <b>City/State of Actual Residence:</b><br>San Diego, California 92108                    |   |

|   |   |
|---|---|
| <b>Name:</b><br>Carol White   | <br>_____<br><b>Signature</b><br><br><b>Date of Signature:</b> <u>12.13.99</u><br><br><b>Citizenship:</b> <u>U.S.</u> |
| <b>Mailing Address:</b><br>4260 Cleveland Avenue<br>San Diego, California 92103 |   |
| <b>City/State of Actual Residence:</b><br>San Diego, California 92103           |   |

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DOCKET NO. AREN-0240

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In Re Application of:**

Dominic P. Behan, Karin Lehmann-Bruinsma,  
Derek T. Chalmers, Ruoping Chen, Huong T.  
Dang, Martin Gore, Chen W. Liaw, I-Lin Lin,  
Kevin Lowitz, and Carol White

**Group Art Unit:** Not yet  
assigned

**Serial No.:** Not yet assigned

**Examiner:** Not yet assigned

**Filed:** Herewith

**For: NON-ENDOGENOUS,  
CONSTITUTIVELY ACTIVATED  
HUMAN G PROTEIN-COUPLED  
RECEPTORS**

Assistant Commissioner for Patents  
Washington DC 20231

Sir:

**ASSOCIATE POWER OF ATTORNEY**

The undersigned, of the firm WOODCOCK WASHBURN KURTZ  
MACKIEWICZ & NORRIS LLP, One Liberty Place - 46th Floor, Philadelphia,  
Pennsylvania 19103, Attorney and/or Agents for Applicant(s), hereby appoints the following:

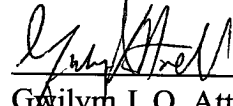
|                       |                         |                      |                         |
|-----------------------|-------------------------|----------------------|-------------------------|
| Richard E. Kurtz      | Registration No. 19,263 | David A. Cherry      | Registration No. 35,099 |
| Dale M. Heist         | Registration No. 28,425 | Robert B. Washburn   | Registration No. 16,574 |
| John W. Caldwell      | Registration No. 28,937 | Norman L. Norris     | Registration No. 24,196 |
| Gary H. Levin         | Registration No. 28,734 | Lynn A. Malinoski    | Registration No. 38,788 |
| Steven J. Rocci       | Registration No. 30,489 | Steven B. Samuels    | Registration No. 37,711 |
| Dianne B. Elderkin    | Registration No. 28,598 | Anthony J. Rossi     | Registration No. 24,053 |
| John P. Donohue, Jr.  | Registration No. 29,916 | Terence P. Strobaugh | Registration No. 25,460 |
| Henrik D. Parker      | Registration No. 31,863 | Michael J. Swope     | Registration No. 38,041 |
| Suzanne E. Miller     | Registration No. 32,279 | Michael J. Bonella   | Registration No. 41,628 |
| Lynn B. Morreale      | Registration No. 32,842 | Harold H. Fullmer    | Registration No. 42,560 |
| Mark DeLuca           | Registration No. 33,229 | John E. McGlynn      | Registration No. 42,863 |
| Joseph Lucci          | Registration No. 33,307 | Jonathan M. Waldman  | Registration No. 40,861 |
| Michael P. Dunnam     | Registration No. 32,611 | Paul K. Legaard      | Registration No. 38,534 |
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| Albert J. Marcellino  | Registration No. 34,664 | David N. Farsiou     | Registration No. 44,104 |
| David R. Bailey       | Registration No. 35,057 | Maureen S. Gibbons   | Registration No. 44,121 |
| Doreen Yatko Trujillo | Registration No. 35,719 | Steven H. Meyer      | Registration No. 37,189 |
| Barbara L. Mullin     | Registration No. 38,250 | Paul B. Milcetic     | Registration No. 46,261 |
| Michael P. Straher    | Registration No. 38,325 | Joseph R. Condo      | Registration No. 42,431 |
| Kevin M. Flannery     | Registration No. 35,871 | Michael K. Jones     | Registration No. 41,100 |



|                      |                          |
|----------------------|--------------------------|
| Frank T. Carroll     | Registration No. 42,392  |
| Mark J. Rosen        | Registration No. 39,822  |
| Mitchell R. Brustein | Registration No. 38,394  |
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| Peter M. Ullman      | Registration No. 43,963  |
| Thomas E. Watson     | Registration No. 43,243  |
| Richard B. LeBlanc   | Registration No. 39,495  |
| Joseph D. Rossi      | Registration No. 47,038  |
| Rosaleen P. Morris   | Registration No. 47,321  |
| George J. Awad       | Registration No. 46,528  |
| Steven D. Maslowski  | Registration No. 46,905  |
| S. Maurice Valla     | Registration No. 43,966  |
| Vincent J. Roccia    | Registration No. 43,887  |
| Robin S. Quartin     | Registration No. 45,028  |
| Patrick J. Farley    | Registration No. 42,524  |
| Gregory L. Hillyer   | Registration No. 44,154  |
| Susan C. Murphy      | Registration No. 46,221  |
| David L. Marcus      | Registration No. 46,897  |
| Christine A. Goddard | Registration No. 46,731  |
| Ellen M. Klann       | Registration No. 44,836  |
| Andrew J. Hagerty    | Registration No. 44,141  |
| Emma R. Dailey       | Registration No. P48,491 |
| Stephen C. Timmins   | Registration No. P48,481 |
| Erich M. Falke       | Registration No. P49,049 |
| Jane Smith Ingelese  | Registration No. P48,444 |

his/her associates with full power to prosecute the above-identified application and to transact all business in the Patent Office connected therewith and requests that correspondence continue to be directed to the firm of WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP at the above address.

Date: June 7, 2001

  
Gwilym J. O. Attwell  
Registration No. 45,449

Woodcock Washburn Kurtz  
Mackiewicz & Norris LLP  
One Liberty Place - 46th Floor  
Philadelphia PA 19103  
Telephone: (215) 568-3100  
Facsimile: (215) 568-3439